

**10/506956**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Atty. Dkt. No: 5660-00503

**Inventor(s):**

C. Mauli Agrawal

Steven R. Bailey

Jodie L. Polan

Title: GAS-PLASMA TREATMENT  
OF IMPLANTS

**CERTIFICATE OF EXPRESS MAIL**  
**UNDER 37 C.F.R. §1.10**

"Express Mail" mailing label number: EV338275665US  
DATE OF DEPOSIT: September 8, 2004

I hereby certify that this paper (along with any paper and/or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to:

Commissioner for Patents  
Alexandria, VA 22313-1450

Derrick Brown

**TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED  
OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. § 371**

INTERNATIONAL APPLICATION NO.: PCT/US03/06942
INTERNATIONAL FILING DATE: March 6, 2003
PRIORITY DATE CLAIMED: March 8, 2002
U.S. APPLICATION NO. (If known):

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1).
4. ☐ A translation of the International Application into English (35 U.S.C. § 371(c)(2)), including:  
a title page; \_\_\_\_\_ page specification; \_\_\_\_\_ page(s) of claims (claims \_\_\_\_\_); \_\_\_\_\_ page abstract.
5. ☐ Drawings  
☐ Formal Figure(s) \_\_\_\_\_ - \_\_\_\_\_ on \_\_\_\_\_ sheet(s).
6. ☒ A copy of the International Application as filed (35 U.S.C. § 371(c)(2))
  - ☒ is transmitted herewith (36 pages).
  - ☐ has been transmitted by the International Bureau.
  - ☐ A copy of Form PCT/IB/308 (1 page) is enclosed.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).

10/506956

DT09 Rec'd PCT/PTO 08 SEP 2004

7. ☒ A copy of the International Publication, Publication No. WO 03/075790.
8. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3))  
☐ are transmitted herewith (required only if not transmitted by the International Bureau).  
☐ have been transmitted by the International Bureau.  
☐ have not been made; however, the time limit for making such amendments has NOT expired.  
☐ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).
10. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.  
☐ A copy of the Demand for International Preliminary Examination is enclosed.
11. ☒ An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)):  
☐ is enclosed (\_\_\_\_ pages).  
☐ a combined Declaration and Power of Attorney is enclosed (\_\_\_\_ pages).  
☒ is not enclosed. Applicant requests the Patent and Trademark Office to accept this application and accord a serial number and filing date as of the date this application is deposited with the U.S. Postal Service for Express Mail. Further, Applicant requests that the NOTICE OF MISSING PARTS-FILING DATE GRANTED be sent to the undersigned representative of Applicant.
12. ☒ Applicant hereby claims priority to:  
☒ U.S. Provisional Patent Application Serial No.: 60/362,776  
☒ International Patent Application No.: PCT/US03/06942.  
☒ A copy of Form PCT/IB/304 (1 page) indicating receipt of the priority document by the International Bureau is enclosed.
13. ☐ A translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).
14. ☒ The entire disclosure of the International Application referred to above is considered to be part of the accompanying application and is hereby incorporated by reference herein.
15. ☐ Assignment Papers.  
☐ An assignment document is enclosed for recording (\_\_\_\_ pages).  
☐ Form PTO-1595 Assignment Recordation Cover Sheet (\_\_\_\_ page).
16. ☒ A Preliminary Amendment (7 pages).
17. ☐ A substitute specification for pages \_\_\_\_ (\_\_\_\_ pages).
18. ☐ A strikethrough version of specification and abstract (\_\_\_\_ pages).
19. ☐ Power of Attorney  
☐ Is enclosed.  
☐ a combined Declaration and Power of Attorney is enclosed.
20. ☐ Information Disclosure Statement (IDS), including:  
☐ Form PTO-1449  
☐ Reference(s) marked according to Form PTO-1449.
21. ☒ Return Receipt Postcard

**10/506956**  
**DT09 Rec'd PCT/PTO 08 SEP 2004**

22. ☒ Small Entity Status  
☐ A small entity statement is enclosed.  
☒ Small entity status is proper and is requested.
23. ☐ Copy of International Preliminary Examination Report.
24. ☒ The following fees are submitted:

<b>BASIC NATIONAL FEE (37 CFR § 1.492 (a) (1)-(5):</b>				
<input type="checkbox"/> Neither international preliminary examination fee nor international search fee paid to USPTO and International Search Report not prepared by the EPO or JPO (1.492 (a) (3)).....\$1080.00				
<input type="checkbox"/> International preliminary examination fee not paid to USPTO but International Search Report prepared by the EPO or JPO (1.492 (a) (5)).....\$920.00				
<input type="checkbox"/> International preliminary examination fee not paid to USPTO but international search fee paid to USPTO (1.492 (a) (3)).....\$770.00				
<input checked="" type="checkbox"/> International preliminary examination fee paid to USPTO but all claims did not satisfy provisions of PCT Article 33 (1.492 (a) (1)).....\$730.00				
<input type="checkbox"/> International preliminary examination fee paid to USPTO and all claims satisfied provisions of PCT Article 33 (1.492 (a) (4)).....\$100.00				
<b>ENTER APPROPRIATE BASIC NATIONAL FEE AMOUNT (as selected above):</b>				<b>\$730.00</b>
Surcharge of \$130.00 for furnishing oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 Months from the earliest claimed priority date (37 C.F.R. § 1.492(e)).				
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>	
Total claims	34 - 20 =	14	x \$18.00 =	\$252.00
Independent claims	4-3 =	1	x \$86.00 =	\$86.00
<b>MULTIPLE DEPENDENT CLAIM(S)</b>			<b>+ \$290.00 =</b>	
<b>TOTAL OF ABOVE CALCULATIONS:</b>				<b>\$1068.00</b>
Reduction by 50% for Small Entity. A Small Entity Statement must be filed:				\$534.00
<b>SUBTOTAL:</b>				<b>\$534.00</b>
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 Months from the earliest claimed priority date:				
<b>TOTAL NATIONAL FEE:</b>				<b>\$534.00</b>
Fee for recording the enclosed assignment. The assignment must be accompanied by an appropriate cover sheet. \$40.00 per property:				
<b>TOTAL FEES ENCLOSED:</b>				<b>\$534.00</b>

- ☒ A fee authorization in the amount of \$534.00 is enclosed.
- ☐ Please charge my Deposit Account No. 50-1505/      in the amount of      to cover the above fees.
- ☒ The Commissioner is hereby authorized to charge any other fees which may be required or credit any overpayment to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C., Deposit Account No. 50-1505/5660-00503/EBM.

10/506956

DT09 Rec'd PCT/PTO U 8 SEP 2004

Address all future correspondence to:

Customer Number 35690

Eric B. Meyertons

Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.

P.O. Box 398

Austin, Texas 78767

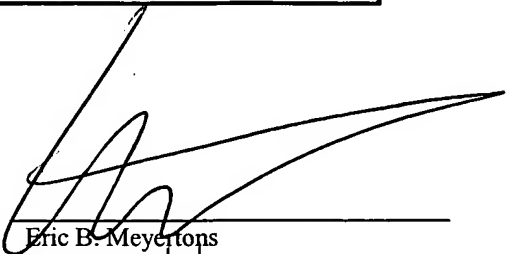
Phone: (512) 853-8800 Fax: (512) 853-8801

Signature

Name

Registration No.

Date

  
Eric B. Meyertons

34,876

9/8/04

PATENT  
**10/506956****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: Unknown  
Intl. Appl. No.: PCT/US03/06942  
Filed: Herewith  
Inventor(s):  
Agrawal et al.

Examiner: Unknown  
Art Unit: Unknown  
Atty. Dkt. No: 5660-00503

Title: GAS-PLASMA  
TREATMENT OF  
IMPLANTS

**CERTIFICATE OF EXPRESS MAIL  
UNDER 37 C.F.R. §1.10**

"Express Mail" mailing label number: EV338275665US  
DATE OF DEPOSIT: September 8, 2004

I hereby certify that this paper or fee is being deposited with the  
United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 C.F.R. §1.10 on the date indicated  
above and is addressed to:

Commissioner for Patents  
Alexandria, VA 22313

  
Derrick Brown

**FEE AUTHORIZATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

The Commissioner is hereby authorized to charge the following fees to Meyertons, Hood, Kivlin,  
Kowert & Goetzel, P.C. Deposit Account Number 50-1505/5660-00503/EBM.

\$534.00 – National Filing Fees

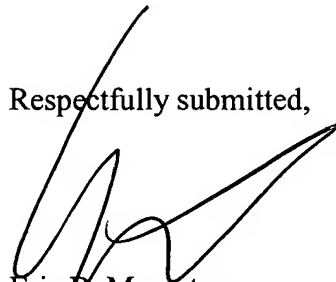
Total Amount: \$534.00

Attorney Docket No.: 5660-00503

Agrawal et al.

The Commissioner is also authorized to charge any extension fee or other fees which may be necessary to the same account number.

Respectfully submitted,



Eric B. Meyertons  
Reg. No. 34,876

Attorney for Applicant

MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.

P.O. BOX 398

AUSTIN, TX 78767-0398

(512) 853-8800 (voice)

(512) 853-8801 (facsimile)

Date: 9/8/04